



RESIDENTIAL DECK PLAN CHECKLIST - 2013 CRC

PLANNING & BUILDING DEPARTMENT • COUNTY OF SAN LUIS OBISPO
976 OSOS STREET • ROOM 200 • SAN LUIS OBISPO • CALIFORNIA 93408 • (805) 781-5600

SEE [BA](#) FOR GENERAL AND SITE SPECIFIC CORRECTIONS

The maximum distance between the face of the ledger and face of the band joist shall not exceed 1". CRC Table R507.2.1 footnote h

BDK01

POSITIVELY ANCHORED

Deck framing shall be positively anchored to the primary structure for both vertical and lateral loads. Such attachment shall not be accomplished by the use of toenails or nails subject to withdrawal. Where the positive connection to the primary structure cannot be provided, decks shall be self-supporting. (CBC 1604.8.3 and CRC R507.1)

BDK07

P.T.WOOD

Deck framing (Joists, beams, posts, decking etc.) shall be of approved naturally durable or pressure preservative treated wood. Wood joists when the bottom is located closer than 18" or wood girders when closer than 12" to the exposed ground. Preservative treated in accordance with AWPA U1. CRC R317.1.2

BDK02

LEDGER

Ledger shall be attached as set forth in CRC Table R5027.2 with ½ " minimum lag screws or bolts with washers, all hot dip galvanized or stainless steel. Lag screws or bolts shall be placed 2" in from the bottom and top of the deck ledger and shall be staggered (CRC R507.2) See attached

BDK08

STAIRS

If the total vertical height of a stairway exceeds 12'-0", then an intermediate landing shall be required. All intermediate stair landings must be designed and constructed as a non-ledger decking using the details in this document. Every rectangular landing shall have a minimum dimension of 36" measured in direction of travel and no less than the width of the stairway served. CRC R311.7

BDK03

POSITIVE TENSION TIE CONNECTIONS

Deck framing shall have positive tension tie connections with floor framing. Hold down tension devices shall be installed in not less than 2 locations per deck and each device shall have an allowable design capacity of not less than 1500 pounds. CRC R507.2.3 See attached.

BDK09

ILLUMINATION FOR STAIRS

Illumination for stairs to be provided per CRC R303.7 For exterior stairs the artificial light sources shall be capable of illuminating treads and landings to levels not less than 1 foot candle (11 lux) measured at the center of treads and landings.

BDK04

FLASHED

Deck ledger shall be flashed to prevent water from contacting the house band/rim joist. CRC Table R507.2 footnote c

BDK10

GUARDS

All decks greater than 30" above grade are required to have a 42" guard. Detail their attachment to the deck. CRC R312.1.1

BDK05

TREATED LEDGER

Deck ledger shall be minimum 2 x 8 pressure treated #2 or better or approved decay resistant species. CRC Table R507.2 footnote e

BDK11

GLASS GUARDS

Structural calculations are required for glass guards. Provide specific detailing and manufacturer's installation instructions for any prefabricated components.

BDK06

LEDGER TO BAND JOIST

BDK12**FOOTINGS**

All footings shall bear on undisturbed soil at least 12 inches below the undisturbed ground surface or below the frost line, whichever is deeper. Deck footings closer than 5'-0" to an exterior house foundation wall must bear at the same elevation as the footing of the house foundation. Show individual pier footings to be 8" above surrounding finished grade R317.1

BDK13**STAIR HANDRAIL REQUIREMENTS**

All stairs with 4 or more risers shall have a handrail on at least one side. The handrail height measured vertically from the sloped plane adjoining the tread nosing shall not be less than 34 inches and not more than 38 inches. (CRC R311.7.8) Handrails shall be graspable and shall be composed of decay-resistant and/or corrosion resistant material. (CRC R311.7.8.3

BDK14**ARCH/ENGR REQUIRED**

Please have a state licensed engineer or architect to prepare your plans

BDK15**USE AWC HANDOUT**

Please go to

<http://www.awc.org/publications/DCA/DCA6/DCA6-12.pdf>

Please incorporate the details from the handout into your plans.